

# FIGURE 1

## Annotated Minimal Promoter (SEQ ID NO:02)

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-258      E-BOX
      |      *****
CGCGTGCTAGCCCGGGCTCGAGCCAGGACCGCGCTCCCCACGTGGCGGAGGGACTGGGGA
=====
TF-1

      SP1      SP1
      *****      *****
      GC-Box 1      GC-Box 2
      *****      *****
-220 CCGGGGCACCCGTCTTGCCCTTCACCTTCCAGCTCCGCTCTCTCCGCGCGGACCCCGCC
=====
TF-2      TF-3      TF-4      TF-5

**      SP1      SP1
      *****      *****
      GC-Box 3      GC-Box 4
      *****      *****
****
-160 CCGTCCCGACCCCTCCCGGGTCCCGGGCCAGCCCCCTCCGGGCCCTCCAGCCCCCTCCC
=====
TF-6      TF-7

      SP1
      *****
      GC-Box 5
      *****
***
-100 CTTCTTTTCCGCGGCCCCGCTCTCTCTCGCGGCGGAGTTTCAGGCAGCGCTGCGTCCT
=====
TF-9      TF-11
Key Activator

      E-Box
      *****
-40 GCTGCGCACGTGGGAAGCCCTGGCCCCGGCCACCCCGCGAATTCGCCCACCATG (SEQ ID NO:02)
=====
TF-12

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